

**Schedule 1: Matters to be conducted by the government agency of cyber security responsibility Level-A**

System aspect	Items conducted	Sub-items conducted	Contents conducted
Management aspect		Classification of levels and defense standards of the information and communication system	Within one year after receipt of initial approval or change of level, the government agency shall complete the classification of levels of the information and communication systems developed by itself or outsourced according to Schedule 9, and shall complete the control measures specified in Schedule 10; subsequently, the government agency shall inspect the appropriateness of the classification of levels of the information and communication systems at least once a year.
		The importation of the information security management system and verification by a impartial third party	Within two years after receipt of initial approval or change of level, the government agency shall import to all of its core information and communication systems the standards - CNS 27001 or ISO 27001 information security management system, or other systems or standards with equal or better effects, or other standards developed by the government agency itself and approved by the competent authority; within three years of the completion of impartial third-party certification, the government agency shall continually maintain the validity of its certification.
		Dedicated cyber security personnel	Within one year after receipt of initial approval or change of levels, the government agency shall deploy four persons on a full-time basis.
		Internal cyber security audits	Conduct twice a year.
		Business sustainable operation rehearsals	Conduct once a year for all core information and communication systems.
		Cyber governance maturity assessment	Conduct once a year.
		Restricted use of threatening national cyber security products	1. Except for business needs and no other alternatives, it is not allowed to purchase and use the threatening national cyber security products that are produced, researched, developed, manufactured or provided by the manufacturers approved by the competent authority.

			<p>2. When purchasing or using a threatening national cyber security product, it shall specify the reasons and purchase it on a case-by-case basis after receiving approval from the competent authority.</p> <p>3. For the threatening national cyber security products that was used before the amendment to the Regulation took effect or that was approved by the competent authority for business needs and have no other alternatives, they should be listed for management and should not be interfaced with the official network environment.</p>
Technical aspect	Security detection	Vulnerability scanning	Conduct twice a year for all core information and communication systems.
		Penetration test	Conduct once a year for all core information and communication systems.
	Cyber security health diagnosis	Inspection of network frameworks	Conduct once a year.
		Inspection of malicious cyber activities	
		Inspection of malicious activities in user terminal computers	
		Inspection of malicious activities in servers	
	Inspection of settings of directory servers and settings of firewall connections		
	Cyber security threat detection management mechanisms	Within one year after receipt of initial approval or change of level, the government agency shall complete the development of threat detection mechanism, and shall continue the maintenance and operation thereof and submit the monitoring management documentation in the manner designated by the competent authority. The	

		monitoring scope shall include the contents conducted for “Endpoint detection and response mechanism” and “Cyber security defense” as specified in this Schedule, the cyber equipment records of the active directory system and the agency’s core information and communication system, and the records of information service or the application.
	Government configuration baseline	Within one year of receipt of initial approval or change of levels, the government agency shall complete the import operation of government configuration standards for the items publicized by the competent authority and shall continue the maintenance and operation thereof.
	Vulnerability alert and notification system mechanism	<ol style="list-style-type: none"> <li>1. Within one year of receipt of initial approval or change of levels, the government agency shall complete the import operation of the vulnerability alert and notification system mechanism, and shall continue the maintenance and operation thereof and submit the inventory data of information assets in the manner designated by the competent authority.</li> <li>2. If it has been approved before the amendments to these Regulations were enforced on August 23, 2021, the government agency shall, within one year of the enforcement of the amendments, complete the import operation of the vulnerability alert and notification system mechanism, continue the maintenance and operation thereof and submit the inventory data of information assets in the manner designated by the competent authority.</li> </ol>
	Endpoint detection and response mechanism	<ol style="list-style-type: none"> <li>1. Within two years of receipt of initial approval or change of levels, the government agency shall complete the import operation of endpoint detection and response mechanism, and shall continue the maintenance and operation thereof and submit the detection data in the manner designated by the competent</li> </ol>

			<p>authority.</p> <p>2. If it has been approved before the amendments to these Regulations were enforced on August 23, 2021, the government agency shall, within two years of the enforcement of the amendments, complete the endpoint detection and response mechanism, continue the maintenance and operation thereof and submit the detection data in the manner designated by the competent authority.</p>
	Cyber security defense	Anti-virus software	<p>Within one year after receipt of approval or change of levels, the government agency shall complete activation of various cyber security defense measures and continue to use such measures and timely conduct the necessary update or upgrading of software and hardware.</p>
		Network firewalls	
		If the government agency has email servers, it should have email filtering mechanisms	
		Intrusion detection and defense mechanism	
		If the government agency has core information and communication systems for external services, it should have the application firewalls	
		Defense measures for advanced persistent threat attacks	
Awareness and training	Cyber security education and training	Full-time cyber security personnel	Each personnel shall receive the cyber security professional program training or the cyber security competence training for not less than twelve hours each year.
		Information personnel other than full-time cyber security personnel	Each personnel shall receive the cyber security professional program training or the cyber security competence training for not less than three hours every two years and receive general cyber security education training for not less than three hours each year.

	General user and officer	Each year, each person shall receive general cyber security education training for not less than three hours.
	Cyber security professional license and competence training certificates	<ol style="list-style-type: none"> <li>1. Within one year after receipt of initial approval or change of levels, at least four full-time cyber security persons shall each hold one or more licenses and certificates, and shall continually maintain the validity of the licenses and certificates.</li> <li>2. If it has been approved before the amendments to these Regulations were enforced on August 23, 2021, such requirements shall be met within one year of the enforcement of the amendments.</li> </ol>

Notes:

1. If the nature of the information and communication system is a shared one, whether it belonged to the core one, it shall be judged by the agency in charge of the establishment, maintenance or development of such information and communication system.
2. The third party as used in “impartial third-party certification” refers to an agency commissioned by the competent authority for the accreditation in accordance with the Standards Act of our country; the certificate issued by such third party shall bear the accreditation mark of the above-said commissioned agency.
3. The full-time cyber security personnel refer to the personnel who should implement cyber security businesses in full-time.
4. In conducting “cyber security health diagnosis” of this Schedule, in addition to implementation of the items, contents and timeframes specified in this Schedule, the government agency may take other measures which have equal or better effects as approved by the competent authority.
5. Vulnerability alert and notification system mechanism refers to the operations in combination of the information asset management and vulnerability management, the grasp of overall risk trends, and the assistance to the agency in fulfilment of matters to be conducted for asset inventory and risk assessment under the Act.
6. Endpoint detection and response mechanism refers to the protective operations with functions of active scanning and detecting on endpoint, vulnerability protection, analysis of suspicious program or abnormal activities and display function of the level of relevant threats.
7. Cyber security professional license refer to the cyber security professional license issued by domestic and foreign issuing authority (entity) recognized by the competent authority.